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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/828,499

04/21/2004

Tomohide Ishigami

ISHIGAMI I

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7590

07/05/2006

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EXAMINER

RAO, ANAND SHASHIKANT

ART UNIT

PAPER NUMBER

2621

DATE MAILED: 07/05/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/828,499

Applicant(s)

ISHIGAMI ET AL.

Examiner

Andy S. Rao

Art Unit

2621

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>4/21/04</u> . | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Specification

1. The specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-10 are rejected under 35 U.S.C. 102(b) as being anticipated by Paff.

Paff discloses a surveillance system provided with multi-cameras (Paff: figure 6) including at least a rotating camera controllable for panning, tilting and zooming in and out (Paff: column 3, lines 35-45); intruding object recognizing means for recognizing a state of an object of monitoring by analyzing image signals entered from said multi-camera; camera function determining means for allocating (Paff: column 4, lines 15-25), according to the state of said object of monitoring, to a first camera a tracking function whose field of view is a predetermined direction of said object of monitoring (Paff: column 4, lines 25-35) and to a second camera a wide angle shooting function of shooting a monitored space in a wide angle (Paff: column 8, lines 5-15); and camera control means for controlling said multi-camera

according to the allocation of functions by the camera function determining means (Paff: column 6, lines 35-45), as in claim 1.

Regarding claim 2, Paff discloses that the system further provided with image accumulating means for accumulating images of the object of monitoring in advance and image recognizing means for comparing said accumulated images of the object of monitoring with an image of the object of monitoring entered from the first camera (Paff: column 5, lines 1-24), wherein the camera function determining means allocate to a third camera a tracking function according to a result of comparison by said image recognizing means and a situation of the object of monitoring (Paff: column 6, lines 55-65), as in the claim.

Regarding claim 3, Paff discloses wherein the camera function determining means choose a camera whose field of view is in the predetermined direction of the object of monitoring, and allocate a tracking/shooting function to the cameras in a preferential order with priority camera nearest said object of monitoring (Paff: column 4, lines 40-51), as in the claim.

Regarding claims 4-5, Paff discloses that the camera function determining means chooses a camera whose field of view is in the predetermined direction of the object of monitoring, and allocate the tracking/shooting function to the cameras in a preferential order with priority assigned to a camera farthest from said object of monitoring (Paff: column 4, lines 50-67; column 5, lines 1-20), as in the claims.

Regarding claim 6, Paff discloses wherein the camera function determining means memorize states of the multi-camera, and allocate the tracking/shooting function or the wide angle shooting function to said multi-camera according to the states of said multi-camera and the situation of the object of monitoring (Paff: column 3, lines 40-50), as in the claim.

Regarding claim 7, Paff discloses wherein the camera function determining means, when any camera is added or removed or any camera is in trouble, update memorized states of the multi-camera is performed (Paff: column 4, lines 40-50), as in the claim.

Regarding claims 8-9, Paff discloses wherein the camera function determining means memorize a state of a monitored area, and allocate the tracking/shooting function or the wide angle shooting function to the cameras according to the state of said monitored area and the situation of the object of monitoring (Paff: column 5, lines 5-35), as in the claim.

Regarding claim 10, Paff discloses wherein the image accumulating means hold in advance facial image data picked up in many different directions, and the image recognizing means compare said facial image data with a facial image of the object of monitoring entered from any camera (Paff: column 4, lines 1-5).

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Aviv discloses abnormality detection and surveillance system.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andy S. Rao whose telephone number is (571)-272-7337. The examiner can normally be reached on Monday-Friday 8 hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mehrdad Dastouri can be reached on (571)-272-7418. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2621

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Andy S. Rao
Primary Examiner
Art Unit 2621

asr
June 23, 2006


ANDY RAO
PRIMARY EXAMINER